

Converting Colors

YIQ(234.0040, 28.5670,
-16.6250)

Have a look what the booklet for
YIQ(234.0040, 28.5670, -16.6250)
contains.

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Color

**YIQ(234.0040, 28.5670,
-16.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEDAE
RGB	251, 237, 174
RGB Percent	98%, 93%, 68%
CMY	0.0157, 0.0706, 0.3175
CMYK	0.00, 0.06, 0.31, 0.02
HSL	49°, 91%, 83%
HSV	49°, 31%, 98%
XYZ	77.7096, 84.1314, 52.2088
YIQ	234.0040, 28.5670, -16.6250

Conversions

Conversions Part 2

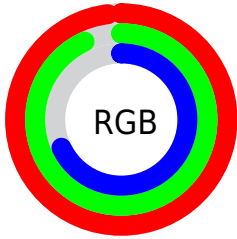
Format	Color
R _Y B	191, 251, 174
Decimal	16510382
CIE Lab	93.51, -4.48, 32.27
CIE LCh	94, 32.576, 97.903
Yxy	84.1314, 0.3630, 0.3930
Android (android.graphics.Color)	4294700462 (0xFFFBEDA E)
YUV	234.0040, -29.5820, 14.9055
Hunter-Lab	91.7232, -9.2871, 30.4584

Details

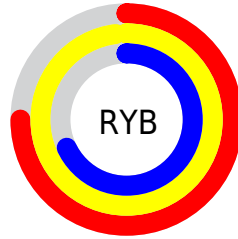
The YIQ color **234.0040, 28.5670, -16.6250** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **190.9960, -28.5670, 16.6250**, and the grayscale version is **234.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.1500, 8.0250, -7.7750**, and **178.0470, 27.0080, -15.9040** is the 20% darker color. If you saturate the color by 10%, you get **228.2190, 37.9670, -21.7850**, and if you desaturate by 10%, it is **239.7890, 19.1670, -11.4650**.

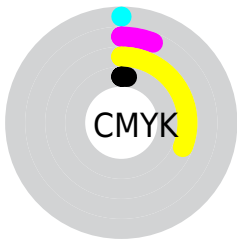
Distribution



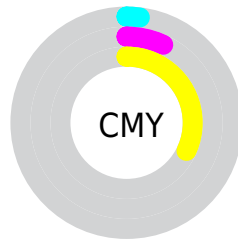
- Red (98%)
- Green (93%)
- Blue (68%)



- Red (75%)
- Yellow (98%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (31%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 234.0040, 28.5670, -16.6250 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 234.0040, 28.5670, -16.6250 by changing the saturation by 10% instead.

234.0040, 28.5670,
-16.6250

234.0040, 28.5670,
-16.6250

255.0000, -0.0000,
-0.0000

205.8190, 27.6500,
-16.5260

252.1500, 8.0250,
-7.7750

178.0470, 27.0080,
-15.9040

150.9760, 25.7700,
-15.4940

125.3780, 24.5780,
-15.9180

100.0080, 22.7440,
-15.7200

75.8230, 21.8270,
-15.6210

51.9970, 21.2770,

-16.6670

■ 32.7930, 13.3440,
-10.5600

■ 11.1970, 0.6430,
-6.1490

■ 234.0040, 28.5670,
-16.6250

■ 234.0040, 28.5670,
-16.6250

■ 228.2190, 37.9670,
-21.7850

■ 239.7890, 19.1670,
-11.4650

■ 223.0210, 47.0920,
-27.4680

■ 244.9870, 10.0420,
-5.7820

■ 217.2360, 56.4920,
-32.6280

■ 250.7720, 0.6420,
-0.6220

■ 212.0380, 65.6170,
-38.3110

■ 253.8040, -2.3840,
-0.8480

■ 206.2530, 75.0170,
-43.4710

■ 200.9410, 84.4630,
-49.4650

■ 195.3840, 93.2210,
-54.0030

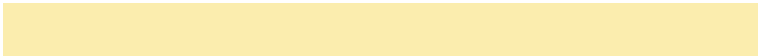
Harmonies

Analogous

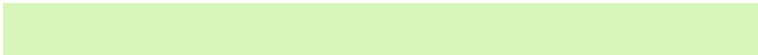
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.3130, 32.3710, -8.4690



234.0040, 28.5670, -16.6250



230.1900, 1.3800, -25.0200

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.0040, 28.5670, -16.6250



220.0500, -65.3310, -21.9630



232.6940, 10.4500, 19.8740

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



234.0040, 28.5670, -16.6250



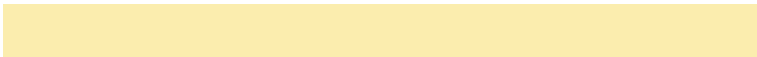
190.9960, -28.5670, 16.6250

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.4930, 6.4620, 15.0540



234.0040, 28.5670, -16.6250



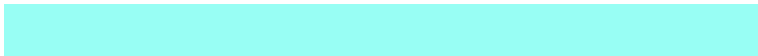
223.4050, -49.9730, -13.9490

Square

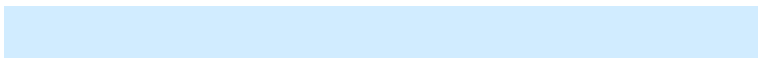
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.0040, 28.5670, -16.6250



222.3620, -57.5820, -24.7340



230.0930, -22.1910, 0.1850



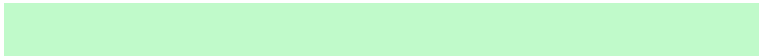
227.3820, 19.8960, 13.8800

Rectangle

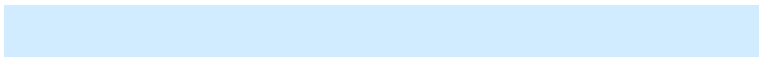
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234.0040, 28.5670, -16.6250



227.1860, -19.1600, -27.2240



230.0930, -22.1910, 0.1850



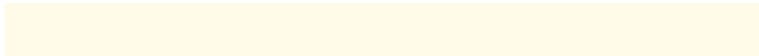
233.8680, 9.9000, 18.8280

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



234.0040, 28.5670, -16.6250



250.0300, 8.4830, -5.0610



198.6190, 41.3980, 20.6780



124.5290, 5.6400, -3.0960



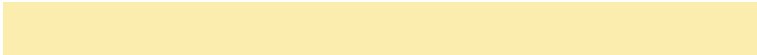
0.0000, 0.0000, 0.0000



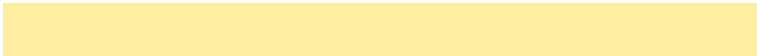
128.0000, -0.0000, -0.0000

Same Dimension

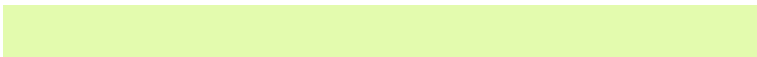
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.0040, 28.5670, -16.6250



234.3050, 34.8490, -20.3430



235.0460, 10.4130, -29.0350



122.3440, 4.7230, -2.9970



146.9090, 70.2940, -40.4740



47.5890, 22.6060, -13.2180

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



190.9960, -28.5670, 16.6250



181.6950, -34.8490, 20.3430



189.9540, -10.4130, 29.0350



115.2430, -4.9980, 2.4740



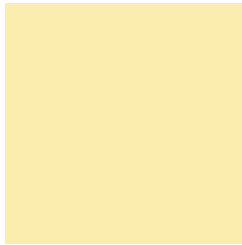
41.5040, -70.0190, 40.9970



13.4110, -22.6060, 13.2180

Previews

White Background



This preview shows how the YIQ color 234.0040, 28.5670, -16.6250 looks on a white background.

Color Contrast Check

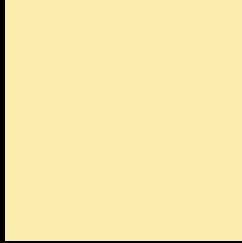
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 234.0040, 28.5670, -16.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

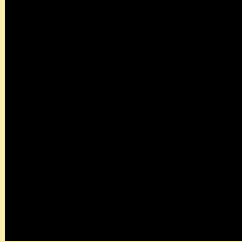
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 234.0040, 28.5670, -16.6250

Background



This preview shows how black text looks on a background with the YIQ color 234.0040, 28.5670, -16.6250.



This preview shows how white text looks on a background with the YIQ color 234.0040, 28.5670,

-16.6250.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

234.0040, 28.5670, -16.6250

Protanopia

234.3140, 30.6300, -15.4660

Deuteranopia

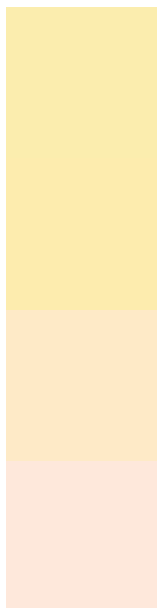
236.8250, 19.4860, -0.7220



Tritanopia

238.4840, 10.6810, 10.1770

Trichromacy



Original Color

234.0040, 28.5670, -16.6250

Protanomaly

234.0150, 30.0340, -15.6780

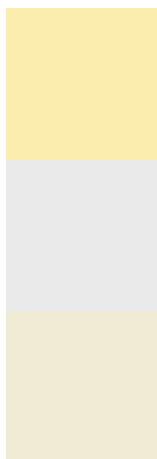
Deuteranomaly

235.9900, 23.1550, -6.6450

Tritanomaly

237.0960, 17.2850, 0.6210

Monochromacy



Original Color

234.0040, 28.5670, -16.6250

Achromatopsia

234.0000, -0.0000, 0.0000

Achromatomaly

233.8730, 10.3630, -6.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 234.0040, 28.5670, -16.6250 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(251, 237, 174)` looks like.

```
.text, #text, p{  
    color:rgb(251, 237, 174)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(251, 237, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 237, 174) }
```

Border

The CSS property to change the border of an element to YIQ 234.0040, 28.5670, -16.6250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 237, 174) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(251, 237, 174) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(251, 237, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 237, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 237, 174);  
box-shadow:4px 4px 4px 4px rgb(251, 237,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 234.0040, 28.5670, -16.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 237, 174) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(251,  
237, 174) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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